

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



| | | |
|----------------|----|-----------------|
| Atty. Dkt. No. | M# | Client Ref. |
| | | |
| 274260 | | DIV4 P7100-US/4 |

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

| | |
|------------------------------|----------------------|
| Applicant: HUGHES et al. | |
| Application No.: 09/925,645 | |
| Filing Date: August 10, 2001 | |
| Examiner: W. CHIN | Group Art Unit: 2664 |

Date: October 22, 2003

Page 1 of 1

U.S. PATENT DOCUMENTS

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (If appropriate) |
|----------------------|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
| RLM | AR 6,169,910 | 01/2001 | TAMIL et al. | | | |
| | BR | | | | | |
| | CR | | | | | |
| | DR | | | | | |
| | ER | | | | | |
| | FR | | | | | |
| | GR | | | | | |
| | HR | | | | | |
| | IR | | | | | |
| | JR | | | | | |
| | KR | | | | | |

RECEIVED

OCT 23 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|-----|-----------------|--------------|---------|---------------|------------------|----|-------------------------------|----|
| | | | | | Enclosed | No | Enclose | No |
| RLM | LR WO 98/01922 | 01/1998 | PCT | TAMIL et al. | | | | |
| | MR | | | | | | | |
| | NR | | | | | | | |
| | OR | | | | | | | |
| | PR | | | | | | | |
| | QR | | | | | | | |
| | RR | | | | | | | |
| | SR | | | | | | | |
| | TR | | | | | | | |
| | UR | | | | | | | |
| | VR | | | | | | | |
| | WR | | | | | | | |

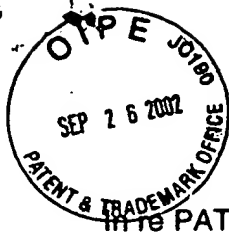
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

| | |
|-----|--|
| XR | |
| YR | |
| ZR | |
| AAR | |
| BBR | |
| CCR | |
| DDR | |

Examiner *[Signature]*

Date Considered: 5-27-05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT APPLICATION of

Inventor(s): HUGHES et al. Atty.Dkt: 11765/274260
Appln. No.: 09/925,645 Group Art Unit: 2664
Filed: August 10, 2001 Examiner: UNKNOWN
FOR: COMMUNICATIONS SYSTEM AND METHOD

Technology Center 2600

SEP 30 2002

RECEIVED

2664
RS
3

Date: September 26, 2002

**IDS LETTER CITING APPLICATION(S)
AND ATTACHING PTO-1449/DOCUMENTS**

The Examiner's attention is directed to the following application(s) of:

| Examiner's Initials* | FIRST INVENTOR (Last Name Only) | APPLICATION NO. & Filing Date | ENCLOSED |
|--------------------------------|---|--------------------------------------|---|
| RLM | HUGHES et al. (Atty Dkt. 11765/275906) | 09/331,219, filed June 17, 1999 | <input checked="" type="checkbox"/> Spec <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Current Claims <input type="checkbox"/> Other |
| RLM | HUGHES et al. (Atty Dkt. 11765/274257) | 09/925,643, filed August 10, 2001 | <input checked="" type="checkbox"/> Spec <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Current Claims <input type="checkbox"/> Other |
| RLM | HUGHES et al. (Atty Dkt. 11765/274258) | 09/925,642, filed August 10, 2001 | <input checked="" type="checkbox"/> Spec <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Current Claims <input type="checkbox"/> Other |
| RLM <i>Shonda A. Murphy</i> | HUGHES et al. (Atty Dkt. 11765/274259) | 09/925,644, filed August 10, 2001 | <input checked="" type="checkbox"/> Spec <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Current Claims <input type="checkbox"/> Other |

PLEASE DO NOT PRINT the above information on the patent which results from the subject application.

Consideration of the listed application is earnestly solicited since unpublished patent applications are contemplated as IDS material; see the exception in Rule 98(a)(2)(iii) and note the penultimate sentence of MPEP 609.

Further, in keeping with MPEP 609, Subsec. C(2), 2nd para., line 10 to end of the paragraph (especially note lines 18-25) **PLEASE RETURN A COPY OF THIS LETTER** with the Examiner's initials adjacent each above listing so that applicant will know that each listed application has been considered as required by PTO policy.

Should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 03-3975, under the above Atty Dkt. No. 11765/274260, and proceed to consider this Information Disclosure Statement.

*The Examiner's initials adjacent a citation indicates he/she has considered the cited application relative to the subject application.

Atty.
Dkt. No.

M#

Client Ref.

#2

274260

DIV4 P7100-US/4

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: HUGHES et al.

Continuation of Appln. No.: 09/331,219

Filing Date: August 10, 2001

Date: August 10, 2001

Page 1 of 2

Examiner: Unknown

Group Art Unit: 2664

U.S. PATENT DOCUMENTS

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (If appropriate) |
|-------------------------|--------------------|-----------------|---|-------|--------------|------------------------------------|
| RLM | AR 4,090,067 | 05/1978 | BELL, III et al. | | | |
| RLM | BR 4,308,613 | 12/1981 | CHASEK | | | |
| RLM | CR 5,212,807 | 05/1993 | CHAN | | | |
| RLM | DR 5,313,461 | 05/1994 | AHL et al. | | | |
| RLM | ER 5,448,753 | 09/1995 | AHL et al. | | | |
| RLM | FR 5,463,671 | 10/1995 | MARSH et al. | | | |
| RLM | GR 5,559,795 | 09/1996 | AHL | | | |
| RLM | HR 5,600,652 | 02/1997 | KREAMER et al. | | | |

U.S. PTO
09/925645
08/10/01

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|-----|----|--------------------|-----------------|---------|-----------------|---------------------|----|-------------------------------------|----|
| | | | | | | Enclosed | No | Enclose | No |
| RLM | IR | 4224 422 A1 | 01/1994 | Germany | SMITKA | | | | |
| RLM | JR | 0 725 523 A2 | 08/1996 | Europe | BLAKELEY et al. | | | | |
| RLM | KR | 0 450 382 B1 | 05/1997 | Europe | FLAMMER | | | | |
| RLM | LR | 0 563 572 A2 | 10/1993 | Europe | WANG et al. | | | | |
| RLM | MR | WO 95/04420 | 02/1995 | PCT | CULLEN | | | | |
| RLM | NR | WO 95/23471 | 08/1995 | PCT | ALMAY | | | | |
| RLM | OR | WO 95/35612 | 12/1995 | PCT | DU | | | | |
| RLM | PR | 0 685 950 A2 | 12/1995 | Europe | KRAEMER et al. | | | | |
| RLM | QR | WO 95/34143 | 12/1995 | PCT | DILWORTH et al. | | | | |
| RLM | RR | WO 96/00468 | 01/1996 | PCT | GALLOWAY | | | | |
| RLM | SR | WO 96/01029 | 01/1996 | PCT | RITTER et al. | | | | |
| RLM | TR | WO 93/07691 | 05/1993 | PCT | MEIER et al. | | | | |

OTHER: (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

| | | | | |
|----|---|--|--|--|
| UR | SUNLIN, R., "A Hybrid Distributed Slot Assignment TDMA Channel Access Protocol," 1990 IEEE Military Communications Conference, Monterey, CA, Vol. 3, Sept. 30-Oct. 3, pp. 934-938. | | | |
| VR | DOBOSIEWICZ et al., "A bounded hop count deflection scheme for Manhattan-street networks," Proceedings of IEEE Infocom 1996, March 24-28, 1996, Vol. 1, pp. 172-179 | | | |
| WR | ALTSHULER, "A Monopole Loaded With a Loop Antenna," IEEE Transactions on Antennas and Propagation, Vol. 44, No. 6, June 1996, pp. 787-791 | | | |
| XR | ENG et al., "BAHAMA: A Broadband Ad-Hoc Wireless ATM Local Area Network," Communications - Gateway to Globalization Proceedings of the Conference on Communications, Seattle, IEEE June 1995, Vol. 2, pp. 1216-1223 | | | |

Examiner *Randa P. Murphy*

Date Considered: 5-27-05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

274260

DIV4 P7100-US/4

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: HUGHES et al.

Continuation of Appln. No.: 09/331,219

Filing Date: August 10, 2001

Date: August 10, 2001

Page 2 of 2

Examiner: Unknown

Group Art Unit: 2664

U.S. PATENT DOCUMENTS

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|-------------------------|--------------------|-----------------|---|-------|--------------|------------------------------------|
| | AR | | | | | |
| | BR | | | | | |
| | CR | | | | | |
| | DR | | | | | |
| | ER | | | | | |
| | FR | | | | | |
| | GR | | | | | |
| | HR | | | | | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|-----|----|--------------------|-----------------|---------|---------------|---------------------|----|-------------------------------------|----|
| | | | | | | Enclosed | No | Enclose | No |
| PLM | IR | WO 93/15565 | 08/1993 | PCT | AHL | | | | |
| RLM | JR | WO 90/03071 | 03/1990 | PCT | AHL et al. | | | | |
| RLM | KR | 0 999 717 A2 | 05/2000 | Europe | BERGER et al. | | | | |
| RLM | LR | WO 00/25485 | 95.2000 | PCT | BERGER et al. | | | | |
| | MR | | | | | | | | |
| | NR | | | | | | | | |
| | OR | | | | | | | | |
| | PR | | | | | | | | |
| | QR | | | | | | | | |
| | RR | | | | | | | | |
| | SR | | | | | | | | |
| | TR | | | | | | | | |

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

| | | | | | |
|-----|---|--|--|--|--|
| UR | GITLIN et al., "Lucky Net" An Overview, "Proceedings of the IEEE Conference on Global Communications (GLOBECOM), Vol. 2, Dec. 1991, pp. 1055-1064 | | | | |
| VR | | | | | |
| WR | | | | | |
| XR | | | | | |
| YR | | | | | |
| ZR | | | | | |
| AAR | | | | | |
| BBR | | | | | |
| CCR | | | | | |

Examiner *Rosendo L. Hernandez*

Date Considered: 5-27-05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.